

g) Jack pays \$30 each month for a gym membership, and a \$10 startup fee.

Month	0	1	2
\$	10	40	70
		+30	+30

Linear

Summary:

h) A culture starts with 120 bacteria. The number of bacteria in the culture is doubled each day.

x2

Exponential

Linear - add/subtract same amount
Common difference

Exponential - multiply/divide by same amount
Common ratio